

Work Order ID 66687

Wednesday, February 23, 2011 3:34:10 PM

Page 1

Item ID: D4022-041

Accept

Setup Start

Revision ID:

Stop

Item Name: Fuel Transfer Pump Assembly

Start Date: 2/23/2011 Start Qty: 1.00

Cust Item ID:

Required Date: 2/24/2011 Req'd Qty: 1.00

Customer:

Reference: *Rework*

Approvals:

Process Plan: *W*

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4022

A

100

0.00

Small Fab

Memo

0.00

PICK FROM RA111162
1 X D4022-041 B59511

PICK
1 X D4022-5 B *B64945*

RE-assemble as per dwg D4022

Metal set A4 batch: *M116173*

110

QC5- Inspect part completeness to step on W/O

0.00

QC

Memo

0.00

Quality Control

m-l 11/02/25

Sulok5

(H)



(H)



Work Order ID 66687

Wednesday, February 23, 2011 3:34:10 PM

Page 2

Item ID:	D4022-041	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Fuel Transfer Pump Assembly					
Start Date:	2/23/2011	Start Qty:	1.00	Cust Item ID:		
Required Date:	2/24/2011	Req'd Qty:	1.00	Customer:		
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120  Packaging Packaging	Identify as per dwg & Stock Location: <i>back in</i> <i>under</i> <i>new</i> <i>batch number.</i>	0.00 <i>D350</i>		130-794-023	<i>B 65105</i>				<i>MF 11-02-25</i>
130  QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							<i>11/02/25</i> <i>MF</i> <i>11-02-25</i>

Picklist Print

Wednesday, February 23, 2011 3:34:07 PM

Page 1

Work Order ID: 66687

Parent Item: D4022-041

Parent Item Name: Fuel Transfer Pump Assembly



Start Date: 2/23/2011

Required Date: 2/24/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP rev A 10.02.02 new issue Prelim EC verified by:DD IPP Rev:B
10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4022-041  Fuel Transfer Pump Assembly		Manufactured	No				Each	1.0000		1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				st113				1					
					63915			1					
D4022-5  Thermal Switch		Manufactured	No				Each	18.0000		1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ENG				1					
					55518			1					
				ST110				17					
					64945 ✓			17					

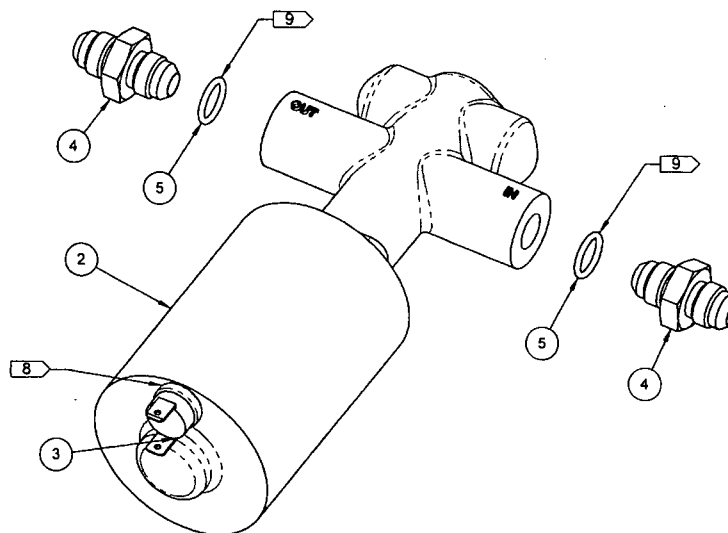
M. L. 11/02/08

59511

M. L. 11/02/05

IX

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN818-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



D4022-041 FUEL TRANSFER PUMP ASSEMBLY

1066687

RELEASED
2010-05-05
MD

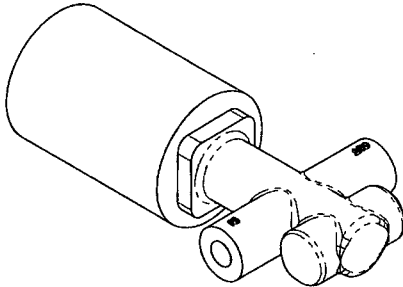
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4022-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 2.61 lbs
- 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
- 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

A		NEW ISSUE		10.04.16	
REV.		DESCRIPTION		BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. A	
DRAWN				SHEET 1 OF 4	
CHECKED		DRAWING NO.		REV. A	
MFG. APPR.		D4022		SCALE	
APPROVED		TITLE		NTS	
DE APPR.		FUEL PUMP			
DATE		10.04.16		COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.					

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-1	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPACE ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

D4022-X FUEL TRANSFER PUMP

Weldon

RELEASED
2010-05-05
JMP

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 2.6 lbs

DESIGN	DART AEROSPACE LTD
DRAWN	HAWKESBURY, ONTARIO, CANADA
CHECKED	DRAWING NO. REV. A
MFG. APPR.	D4022 SHEET 2 OF 4
APPROVED	TITLE SCALE
DE APPR.	FUEL PUMP NTS
DATE	COPYRIGHT © 2010 BY DART AEROSPACE LTD
10.04.16	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMPILED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

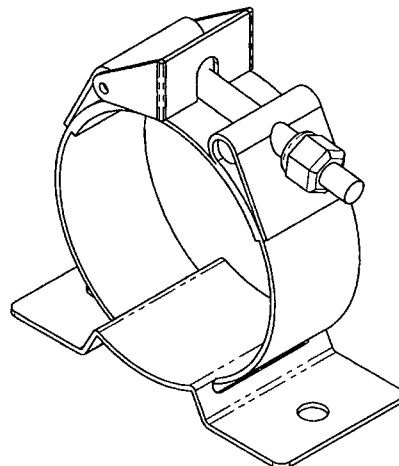
DART AEROSPACE
PART NUMBER

D4022-3

JOHN CAMERON AVIATION
PART NUMBER

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (Ø)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPACE ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5

D4022-X FUEL PUMP MOUNTING BRACKET

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4022	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		FUEL PUMP	NTS
DATE	10.04.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

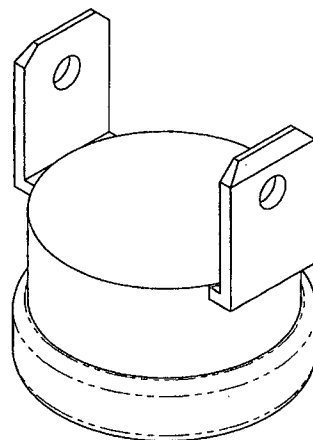
DART AEROSPACE
PART NUMBER

JOHN CAMERON AVIATION
PART NUMBER

D4022-5

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

RELEASED
2010-05-05
mp

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4022 TITLE FUEL PUMP	REV. A
DRAWN			SHEET 4 OF 4
CHECKED			SCALE
MFG. APPR.			NTS
APPROVED		COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DE APPR.			
DATE	10.04.16		

Picklist Print

Page 1

Thursday, January 06, 2011 10:56:43 AM

Work Order ID: 65106

Parent Item: D130-794-021

Parent Item Name: Auxiliary Fuel Tank



Start Date: 1/6/2011

Required Date: 1/12/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.05.17 ECN10-562 DD verf:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S D130-794-023 	CHG001	Manufactured	No			110	Each	0.0000	1	1			
Auxiliary Fuel Tank Provisions													
D350-794-041 	CHG001	Manufactured	No			110	Each	0.0000	1	1			
Tank Assembly													

REFERENCE ONLY

65106
65024

Picklist Print

Page 1

Thursday, January 06, 2011 10:52:29 AM

Work Order ID: 65105

Parent Item: D130-794-023

Parent Item Name: Auxiliary Fuel Tank Provisions




Start Date: 1/6/2011

Required Date: 1/12/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.05.20 as per ECN10-562 DD verf:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4022-041  Fuel Transfer Pump Assembly		Manufactured	No			110	Each	4.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st113		4							
					59511	1			59511				
					63915	3							
D4002-5  Hose Assembly		Manufactured	No			110	Each	6.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ENG		2							
					55636	2							
				ST193		4							
					64016	4			64016				
D4003-047  Fuel Pump Inlet Pipe		Manufactured	No			110	Each	4.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ENG		1							
					55852	1							
				ST193		3							
					59697	1							
					63908	2			63908				

REFERENCE ONLY